

For Research Use Only

SGK196 Polyclonal antibody

Catalog Number: 27444-1-AP



Basic Information

Catalog Number:

27444-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24922

GenBank Accession Number:

BC101548

GeneID (NCBI):

84197

UNIPROT ID:

Q9H5K3

Full Name:

protein kinase-like protein Sgk196

Observed MW:

40-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : MDA-MB-231 cells, SH-SY5Y cells, U-251 cells, mouse brain tissue, rat brain tissue

Background Information

SGK196, also known as POMK (protein O-mannose kinase), is an enzyme that plays a significant role in multiple biological processes. As a type II transmembrane protein, SGK196 consists of a cytoplasmic tail, one transmembrane helix, and a luminal domain (PMID: 31913260). It is widely expressed in tissues such as skeletal muscle, brain, heart, and kidney. SGK196 has been identified as a valuable marker for melanoma and has been found to suppress the metastasis of basal-like breast cancer cells, suggesting its role in tumorigenesis and cell survival.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

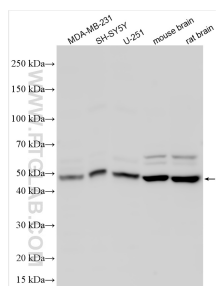
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27444-1-AP (SGK196 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.